

- C.2
C.3
- (b) a linker peptide; and
 - (c) a second protein, or protein domain, with anti-pathogenic activity;
- wherein at least one of said first protein or protein domain and said second protein or protein domain has proteinase inhibitor activity.

2. (Amended) The method according to claim 1, wherein said fusion protein further comprises at least one additional protein or protein domain fused by at least one additional linker peptide to at least one of said first protein or protein domain, said linker peptide, and said second protein or protein domain.

C.3

4. (Amended) The method according to claim 1, wherein at least one of said first protein or protein domain and said second protein or protein domain comprises one of Oc-I and Oc-IAD86.

5. (Amended) The method according to claim 1, wherein at least one of said first protein or protein domain and said second protein or protein domain comprises CpTI.

13. (Amended) An isolated DNA molecule encoding a fusion protein, wherein said fusion protein comprises:

- C.4
- (a) a first protein, or protein domain, with anti-pathogenic activity;
 - (b) a linker peptide; and
 - (c) a second protein, or protein domain, with anti-pathogenic activity;

wherein at least one of said first protein or protein domain and said second protein or protein domain has proteinase inhibitor activity.

C.5

18. (Amended) A method of improving resistance or tolerance in a plant and its descendant plants to a nematode, comprising:

integrating into a genome of a plant a DNA molecule encoding a fusion protein, wherein said fusion protein comprises: